

FIG. 1

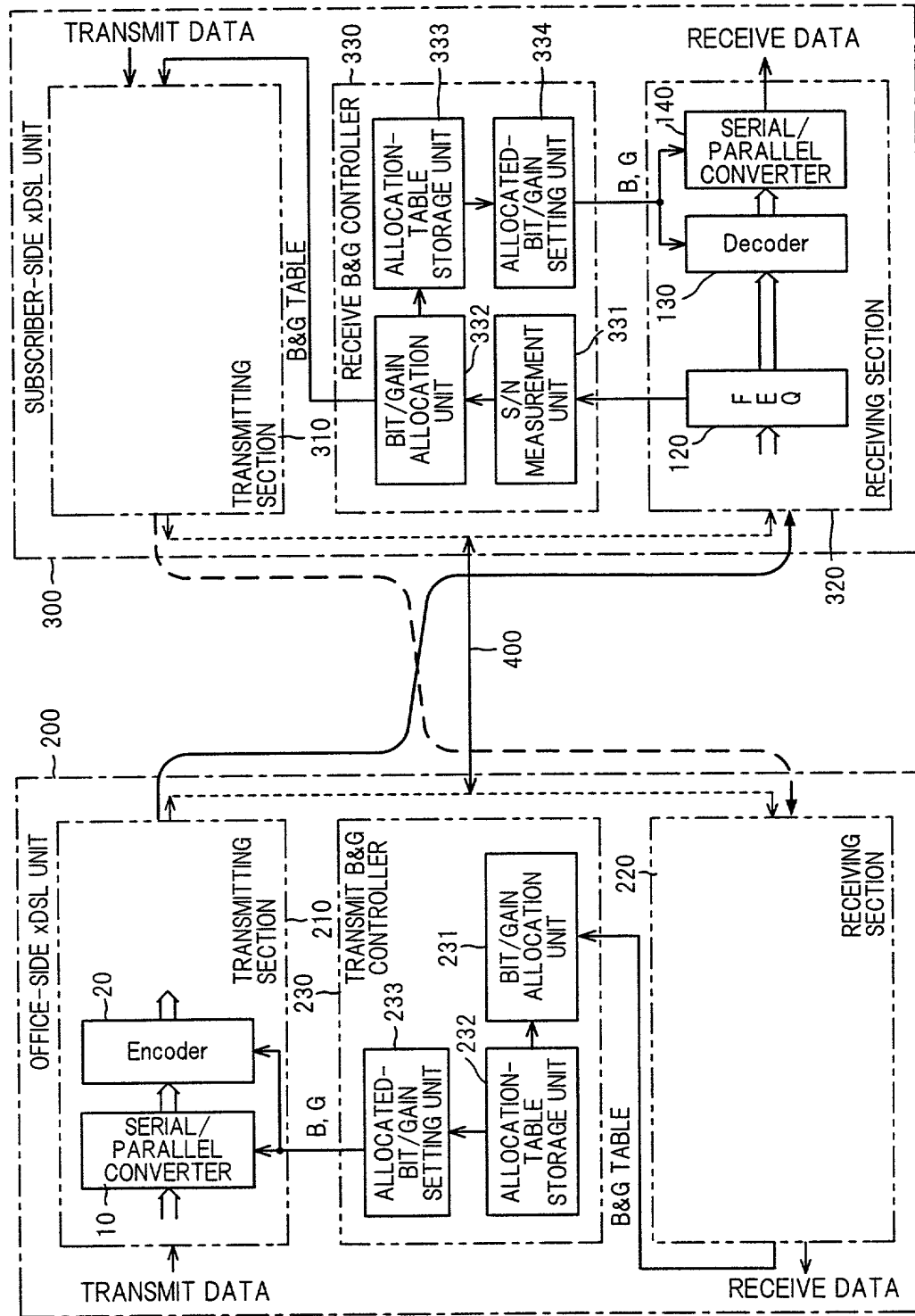


FIG. 2

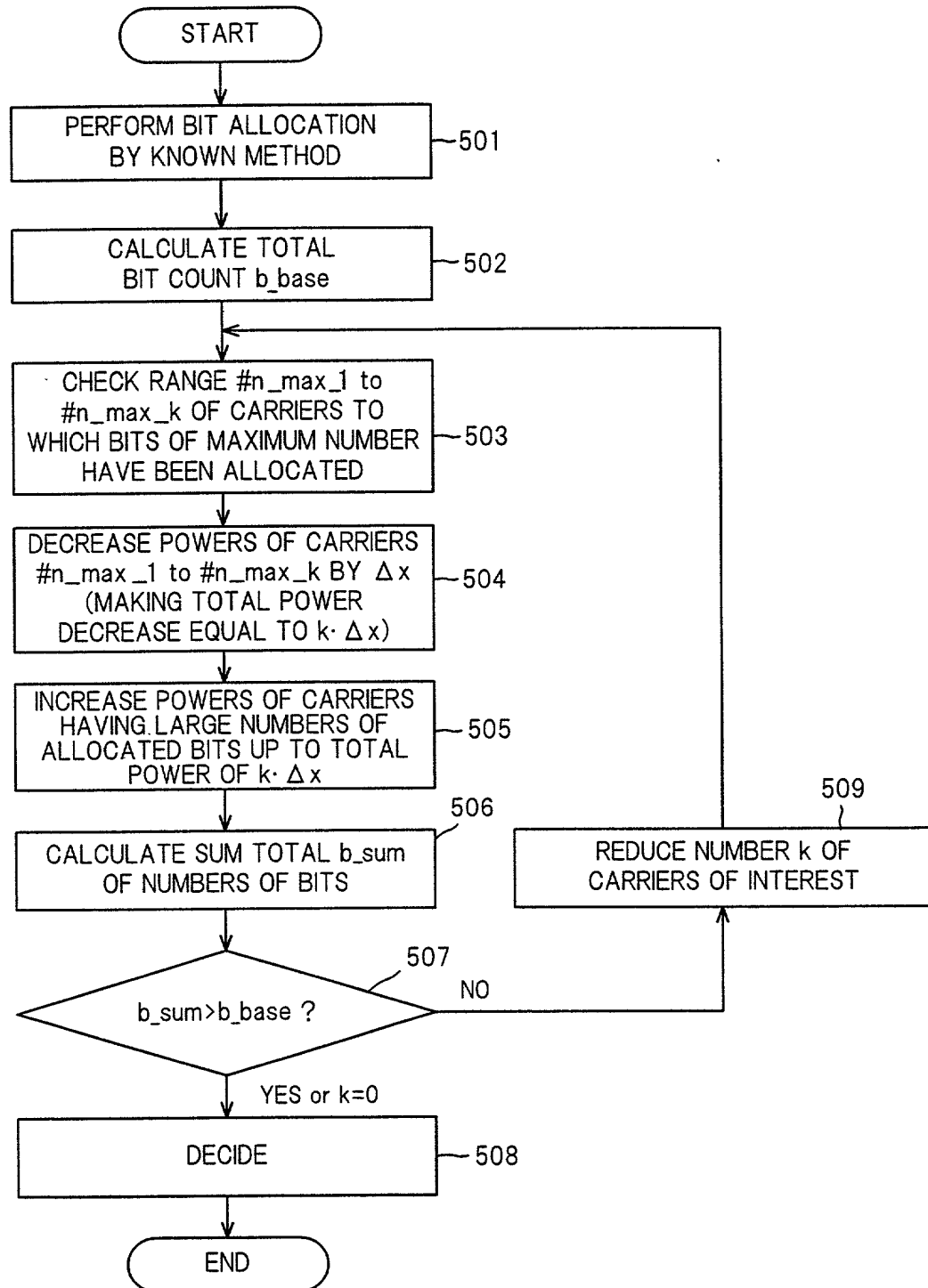


FIG. 3

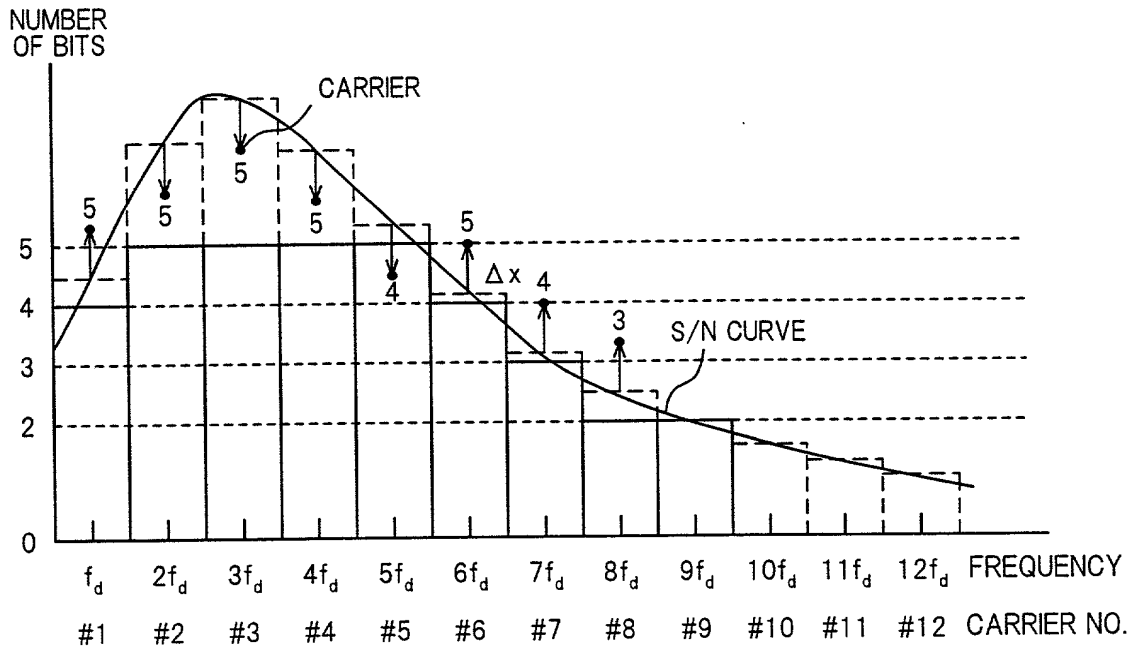


FIG. 4

NO.	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
BITS	5	5	5	5	4	5	4	3	2	0	0	0	38
ADDITIONAL GAIN	$+\Delta x$	$-\Delta x$	$-\Delta x$	$-\Delta x$	$-\Delta x$	$+\Delta x$	$+\Delta x$	$+\Delta x$	0	0	0	0	0

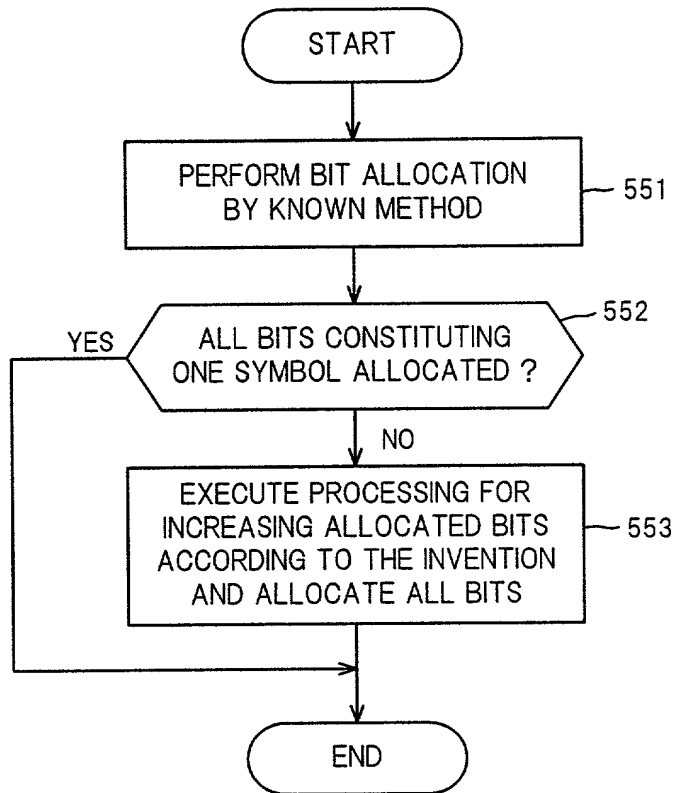
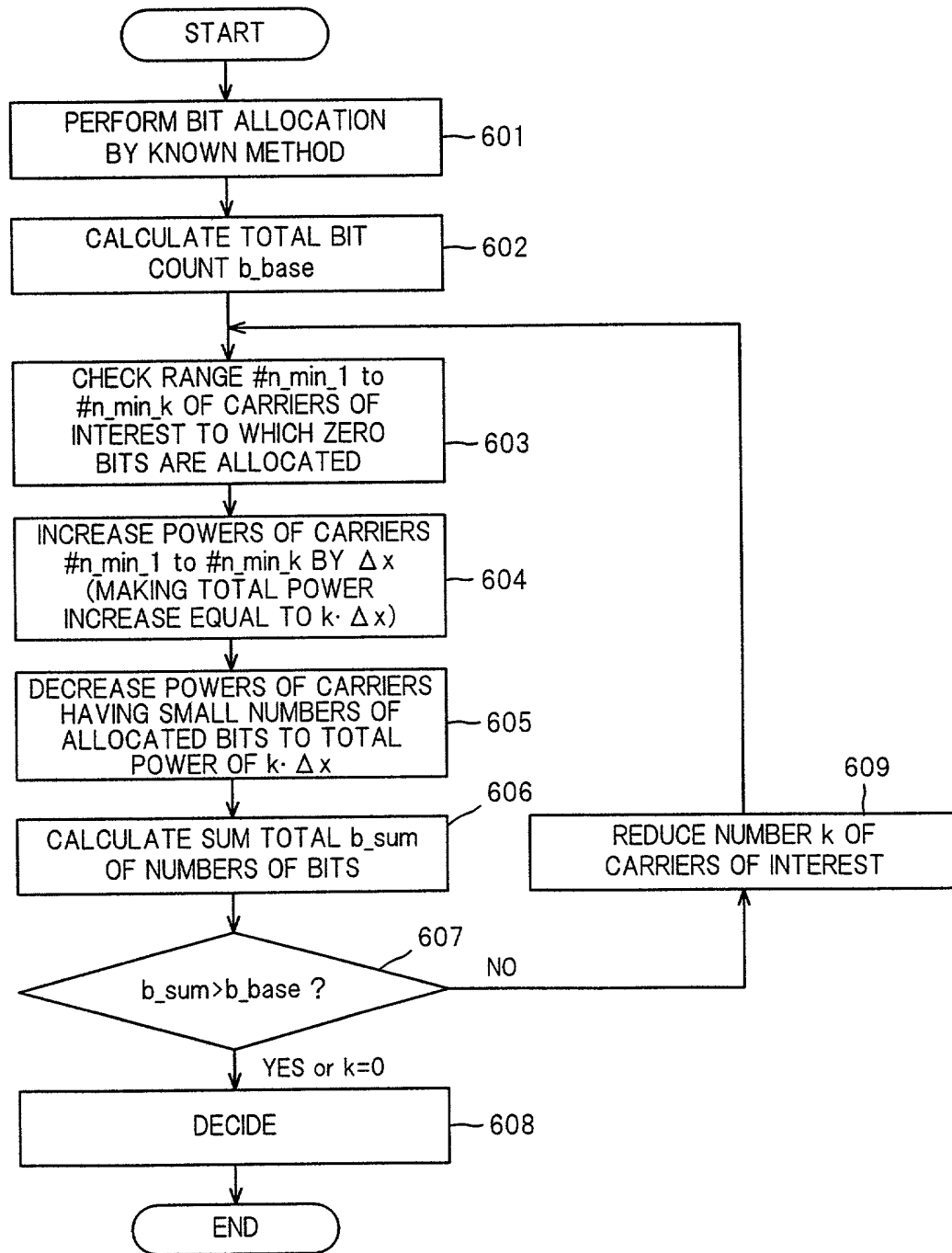
**FIG. 5**

FIG. 6



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FIG. 7

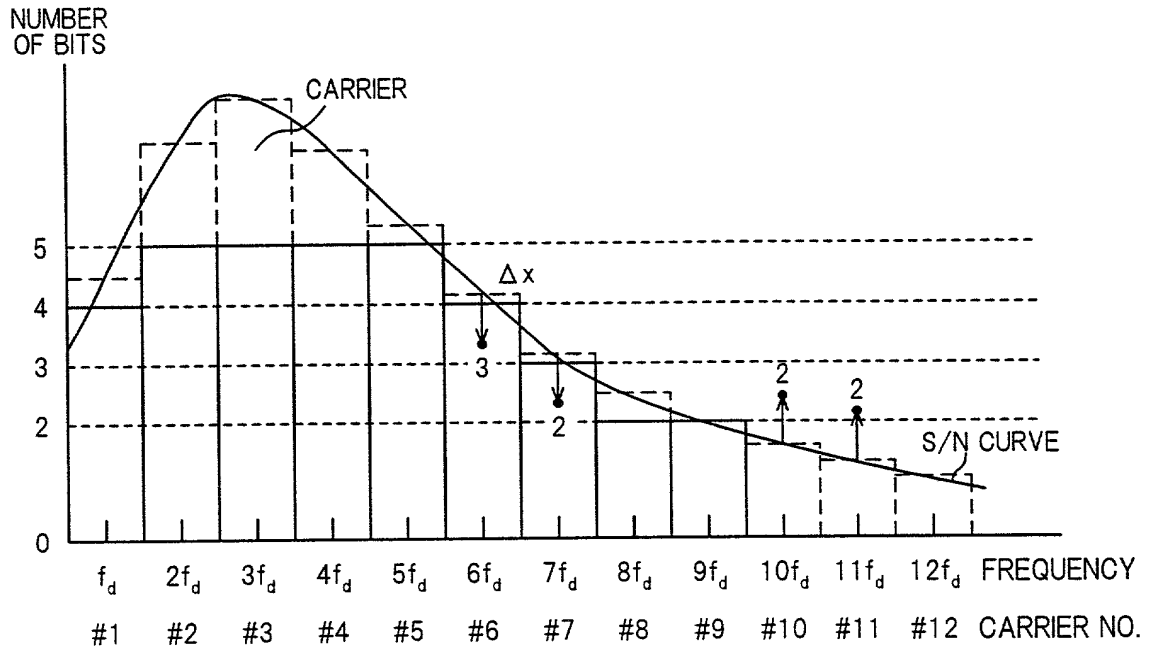
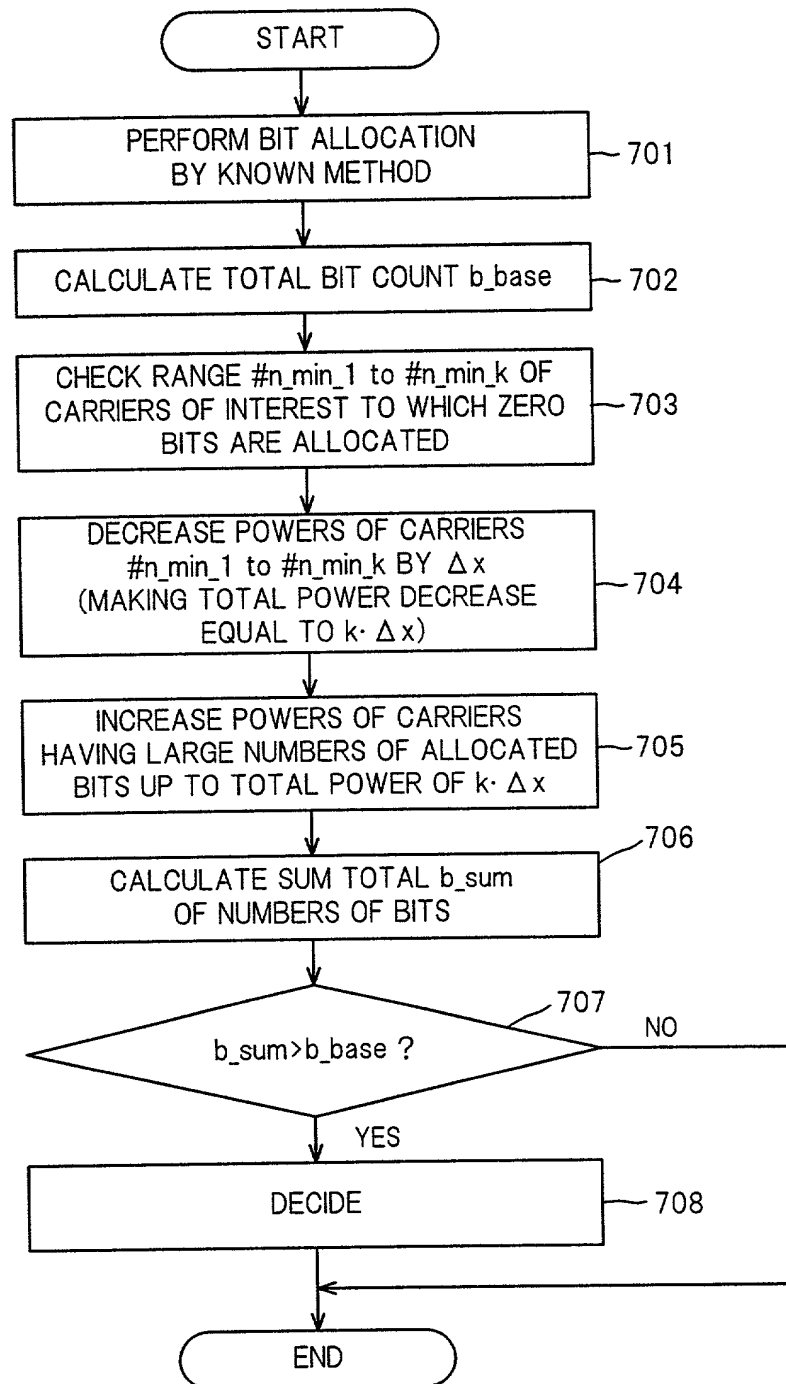
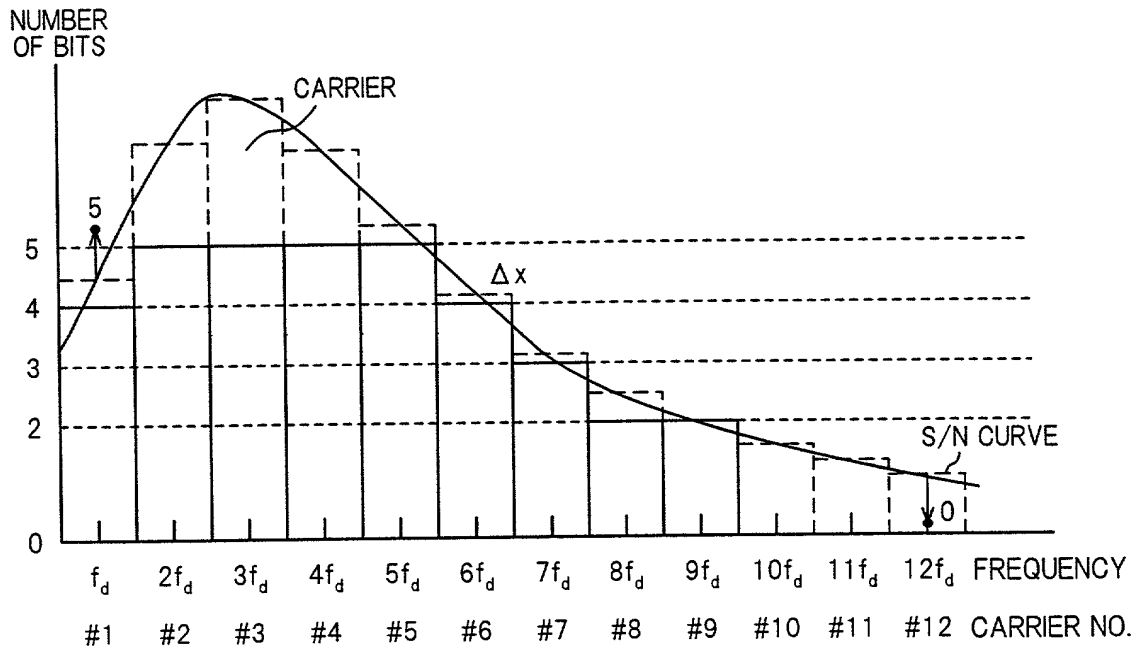


FIG. 8

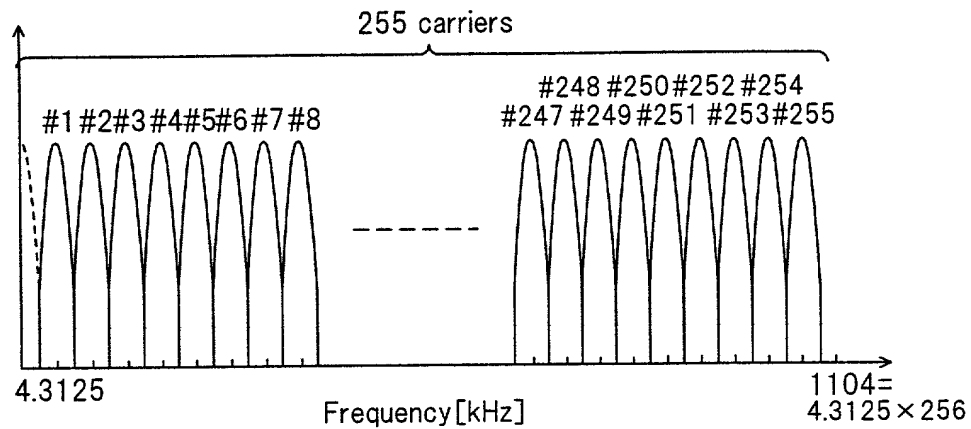
NO.	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
BITS	4	5	5	5	5	3	2	2	2	2	2	0	37
ADDITIONAL GAIN	0	0	0	0	0	$-\Delta x$	$-\Delta x$	0	0	$+\Delta x$	$+\Delta x$	0	0

**FIG. 9**

**FIG. 10****FIG. 11**

NO.	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
BITS	5	5	5	5	5	4	3	2	2	0	0	0	36
ADDITIONAL GAIN	$+\Delta x$	0	0	0	0	0	0	0	0	0	0	$-\Delta x$	0

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*FIG. 13 PRIOR ART*

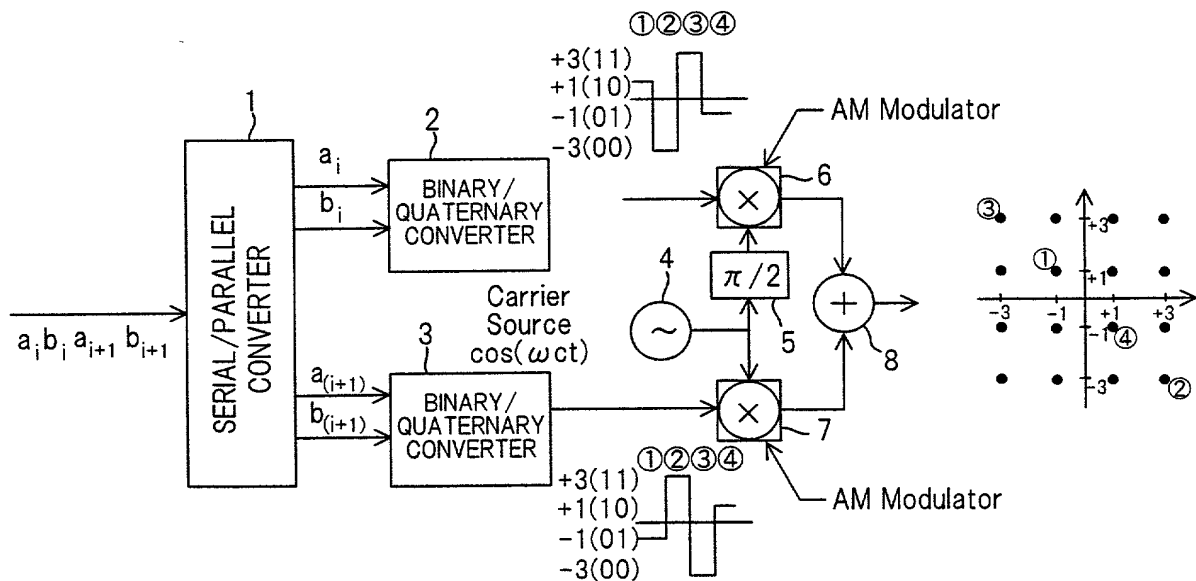


FIG. 14 PRIOR ART

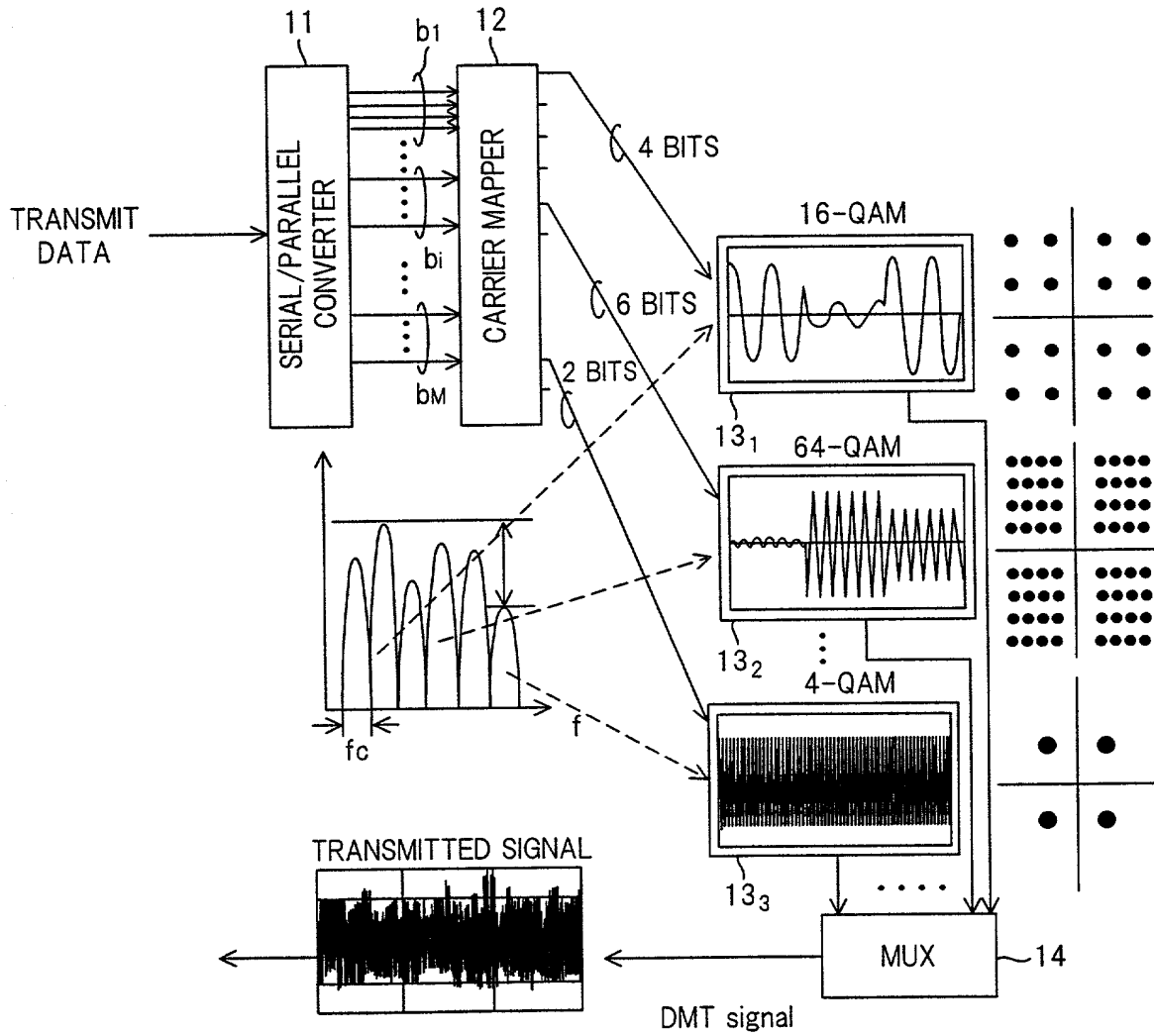


FIG. 16 PRIOR ART

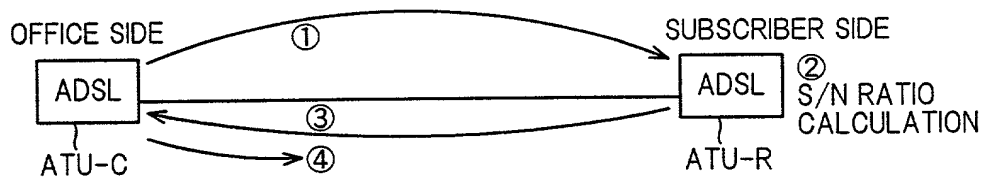
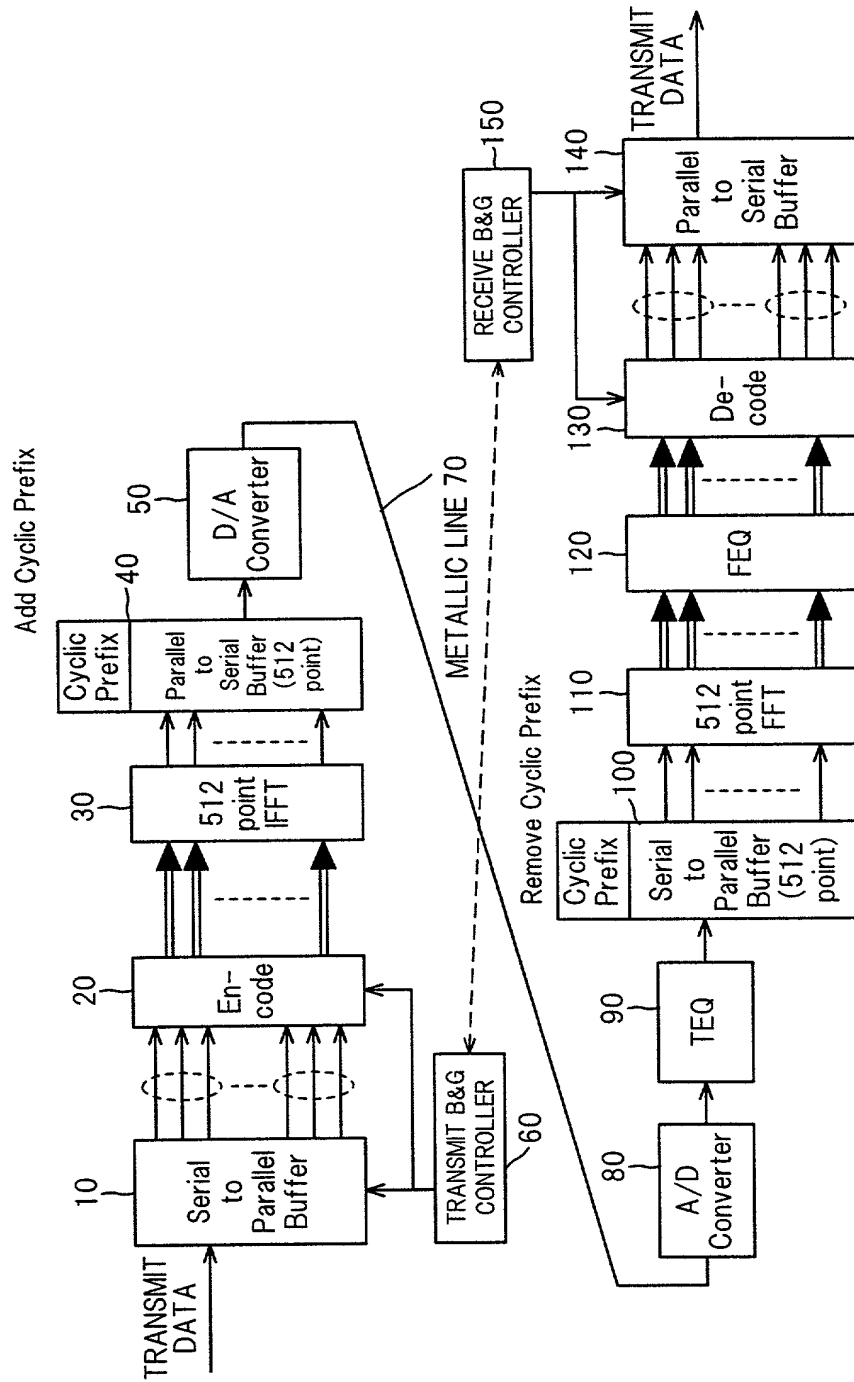
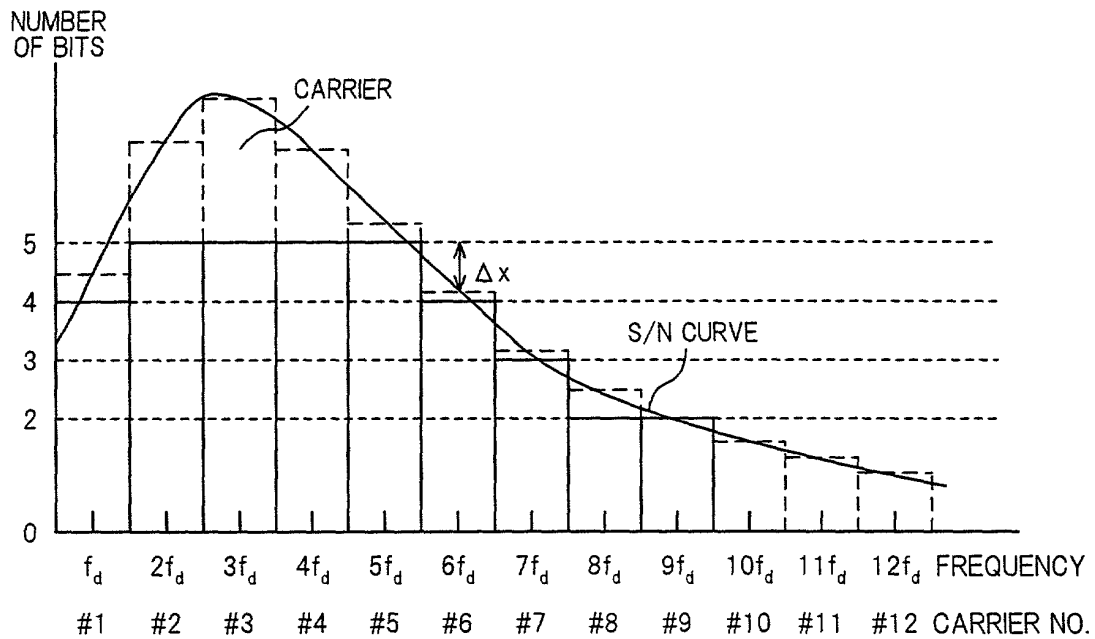


FIG. 15 PRIOR ART



*FIG. 17 PRIOR ART**FIG. 18 PRIOR ART*

NUMBERS OF BITS ALLOCATED BY BIT ALLOCATION BASED UPON KNOWN METHOD

CARRIER NO.	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
BITS	4	5	5	5	5	4	3	2	2	0	0	0	35